



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
SUPERFUND SITE STRATEGY RECOMMENDATION - REGION 06



Site Name: Lorraine Refinery Site CERCLIS ID#: OKN00606909

Alias Site Names: \_\_\_\_\_

Address: S/E St. Louis/San Francisco Railroad and W by Sand Creek/Hwy. 66/48

City/County or Parish/State/Zip Code: Bristow, Creek County, Oklahoma

Report Type, Date, and Author: Preliminary Assessment (PA), September 2008, ODEQ

RECOMMENDATION

<input type="checkbox"/> 1. No Further Remedial Action Planned under Superfund (NFRAP)	<input checked="" type="checkbox"/> 2. Further Investigation Needed Under Superfund
	<input type="checkbox"/> PA <input type="checkbox"/> HRS Priority: <input type="checkbox"/> High
	<input checked="" type="checkbox"/> SSI <input type="checkbox"/> RA <input type="checkbox"/> Medium
	<input type="checkbox"/> ESI <input type="checkbox"/> RI/FS <input checked="" type="checkbox"/> Low
	<input type="checkbox"/> Other: _____
	To be performed by: <u>ODEQ</u>
<input type="checkbox"/> 3. Action Deferred to: <input type="checkbox"/> RCRA <input type="checkbox"/> NRC	

NOTIFY AUTHORITY:

<input type="checkbox"/> Removal	<input type="checkbox"/> RCRA	<input type="checkbox"/> TSCA	<input type="checkbox"/> CAA	<input type="checkbox"/> SMCRA
<input type="checkbox"/> Remedial	<input type="checkbox"/> State	<input type="checkbox"/> NPDES	<input type="checkbox"/> NRC	<input type="checkbox"/> Resource Trustee: _____
<input type="checkbox"/> CERCLA Enforcement	<input type="checkbox"/> Federal Facility	<input type="checkbox"/> UIC	<input type="checkbox"/> SPCC	<input type="checkbox"/> Other: _____
SEND SSSR COPIES TO: <input checked="" type="checkbox"/> 6SF-AC <input type="checkbox"/> 6WQ-SP <input type="checkbox"/> ATSDR <input checked="" type="checkbox"/> State Agency <input type="checkbox"/> Other				

DISCUSSION:

The Preliminary Assessment report for the Lorraine Refinery site was reviewed. The former refinery site occupies approximately 5,448 acres of land and is divided into a northern portion and a southern portion by a farm road. The northern portion of the site is rural land, while the southern portion is occupied by the First Assembly of God Church and one residence. The refinery site once contained several storage tanks and refinery operation buildings. All storage tanks and buildings have been removed and most of the site is well vegetated with trees, bushes, and grass. However, there are several areas of stressed vegetation, barren areas, and visible hard black tarry waste deposits.

Groundwater in the vicinity is used as a drinking water source and the nearest public water supply well is located approximately 1.5 miles south of the site. There are no drinking water intakes located within fifteen miles downstream of the site. There are records of terrestrial sighting of endangered species at or near the site. There are no schools or daycare centers located within 200 feet of the site. However, there are 2 residences on-site and 141 residents within 1/4 mile of the site. A release to the air pathway is suspected due to several barren areas and the visible black tarry waste on-site. Site access is not restricted and there are no fences on-site.

Due to the limited information available on possible historical hazardous waste sources and the impact of these sources on the environment, a Site Inspection is recommended for the Lorraine Refinery site with emphasis on the ground water, soil exposure, surface water, and the air pathways.

APPROVALS:

Report Reviewed by: Philip Ofosu  
(Site Assessment Manager 6SF-TS)

Signature: Philip Ofosu

Date: Nov/03/08

Disposition Approved by: John Meyer  
(Team Leader 6SF-TS)

Signature: John Meyer

Date: 11/3/08

